

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011918\
 Data File : BF102229.D
 Acq On : 19 Jan 2018 21:04
 Operator : SJ/JU
 Sample : J1202-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-1-5

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.922	476	482	489	rBV	173073	250454	7.96%	0.516%
2	4.992	489	494	498	rVB	43496	41535	1.32%	0.086%
3	5.334	546	552	555	rBV	2837779	3069282	97.59%	6.321%
4	6.151	686	691	696	rBV4	38912	65069	2.07%	0.134%
5	6.204	696	700	703	rVB2	31938	41555	1.32%	0.086%
6	6.363	721	727	734	rVB	2857284	3145114	100.00%	6.477%
7	6.487	744	748	752	rBV	3132116	3136563	99.73%	6.460%
8	6.545	755	758	761	rBV2	64584	76139	2.42%	0.157%
9	6.716	784	787	793	rVB	1041374	921147	29.29%	1.897%
10	6.781	793	798	800	rBV2	67520	81846	2.60%	0.169%
11	6.839	805	808	810	rVV	60386	73682	2.34%	0.152%
12	6.875	810	814	816	rVV	2767170	2448012	77.84%	5.042%
13	6.898	816	818	821	rVB	558800	414474	13.18%	0.854%
14	6.986	831	833	838	rVB	69665	75874	2.41%	0.156%
15	7.057	843	845	848	rVV	109029	87932	2.80%	0.181%
16	7.151	857	861	866	rVB4	41516	64020	2.04%	0.132%
17	7.286	879	884	887	rVB	2094528	1919763	61.04%	3.954%
18	7.316	887	889	892	rVB3	46041	43080	1.37%	0.089%
19	7.363	892	897	899	rBV4	96067	125948	4.00%	0.259%
20	7.404	903	904	909	rVV2	42031	50360	1.60%	0.104%
21	7.469	912	915	917	rVV2	50540	44066	1.40%	0.091%
22	7.522	921	924	926	rVV2	44522	42481	1.35%	0.087%
23	7.551	926	929	934	rVB3	37597	40582	1.29%	0.084%
24	7.739	953	961	965	rBV4	106700	172602	5.49%	0.355%
25	7.781	965	968	971	rVV2	106687	104586	3.33%	0.215%
26	7.833	975	977	981	rVB	46007	43866	1.39%	0.090%
27	7.975	998	1001	1003	rVV	354400	319974	10.17%	0.659%
28	7.998	1003	1005	1007	rVV	1235520	1173135	37.30%	2.416%
29	8.022	1007	1009	1012	rVV	1723453	1309110	41.62%	2.696%
30	8.069	1012	1017	1021	rVB2	52447	76104	2.42%	0.157%
31	8.286	1050	1054	1057	rVB	675101	556118	17.68%	1.145%
32	8.328	1057	1061	1065	rBV3	55028	90630	2.88%	0.187%
33	8.363	1065	1067	1069	rVB	116390	84638	2.69%	0.174%
34	8.422	1074	1077	1079	rVV	76787	69625	2.21%	0.143%

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Integration Parameters: rteint.p
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.463	1082	1084	1087	rVB	53829	40603	1.29%	0.084%
36	8.657	1114	1117	1120	rVV2	78074	88075	2.80%	0.181%
37	8.710	1123	1126	1129	rVV	1043232	952101	30.27%	1.961%
38	8.769	1133	1136	1140	rVV2	137500	176604	5.62%	0.364%
39	8.810	1140	1143	1147	rVB	648575	527526	16.77%	1.086%
40	8.845	1147	1149	1152	rBV	59071	47324	1.50%	0.097%
41	8.957	1164	1168	1172	rBV5	30329	46893	1.49%	0.097%
42	9.022	1176	1179	1182	rVV	69475	57338	1.82%	0.118%
43	9.080	1184	1189	1192	rVB	3304280	3060346	97.30%	6.303%
44	9.157	1198	1202	1203	rBV2	73112	65483	2.08%	0.135%
45	9.175	1203	1205	1208	rVV	227459	173157	5.51%	0.357%
46	9.216	1210	1212	1217	rVB	64560	60181	1.91%	0.124%
47	9.269	1218	1221	1226	rVB3	118113	141147	4.49%	0.291%
48	9.339	1228	1233	1237	rBV	120860	170078	5.41%	0.350%
49	9.410	1240	1245	1248	rBV	194234	217383	6.91%	0.448%
50	9.439	1248	1250	1252	rVV	102618	82831	2.63%	0.171%
51	9.475	1252	1256	1259	rVV	677857	571028	18.16%	1.176%
52	9.527	1262	1265	1270	rVB3	76917	84546	2.69%	0.174%
53	9.616	1277	1280	1283	rBV	135682	130611	4.15%	0.269%
54	9.686	1285	1292	1295	rBV	887163	731299	23.25%	1.506%
55	9.751	1295	1303	1306	rVV2	1369643	1290383	41.03%	2.658%
56	9.786	1306	1309	1312	rVV	1219661	1001907	31.86%	2.063%
57	9.851	1317	1320	1322	rBV2	65332	64207	2.04%	0.132%
58	9.880	1322	1325	1328	rVV2	61496	79014	2.51%	0.163%
59	9.910	1328	1330	1334	rVV4	51595	54457	1.73%	0.112%
60	9.957	1334	1338	1342	rVB	600686	500060	15.90%	1.030%
61	10.022	1342	1349	1352	rBV4	185317	233992	7.44%	0.482%
62	10.157	1369	1372	1374	rBV	100411	118906	3.78%	0.245%
63	10.186	1374	1377	1379	rVB	158117	149803	4.76%	0.309%
64	10.298	1393	1396	1401	rBV	656730	559176	17.78%	1.152%
65	10.386	1409	1411	1412	rBV	76643	62558	1.99%	0.129%
66	10.404	1412	1414	1416	rVV	108179	90771	2.89%	0.187%
67	10.457	1420	1423	1426	rVB	108249	104676	3.33%	0.216%
68	10.539	1433	1437	1441	rVB	1799859	1800677	57.25%	3.709%
69	10.657	1454	1457	1462	rBV2	229182	348615	11.08%	0.718%
70	10.727	1466	1469	1471	rBV4	48845	60924	1.94%	0.125%
71	10.845	1486	1489	1491	rBV4	77495	75478	2.40%	0.155%

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72	11.104	1530	1533	1535	rBV2	154658	121349	3.86%	0.250%
73	11.133	1535	1538	1543	rVB	238822	245389	7.80%	0.505%
74	11.239	1552	1556	1558	rBV	1119170	1161030	36.92%	2.391%
75	11.263	1558	1560	1563	rVV	1486934	1101944	35.04%	2.269%
76	11.310	1566	1568	1571	rVB	198117	145563	4.63%	0.300%
77	11.345	1572	1574	1577	rVB2	57030	52484	1.67%	0.108%
78	11.469	1592	1595	1602	rVV2	127621	133454	4.24%	0.275%
79	11.533	1603	1606	1609	rVB	135487	115482	3.67%	0.238%
80	11.733	1636	1640	1643	rBV2	103831	146480	4.66%	0.302%
81	11.769	1643	1646	1649	rBV2	259137	355291	11.30%	0.732%
82	11.851	1657	1660	1663	rBV2	165676	180709	5.75%	0.372%
83	12.463	1761	1764	1767	rVB	774117	702880	22.35%	1.448%
84	12.674	1795	1800	1807	rBV	617596	830079	26.39%	1.710%
85	12.821	1821	1825	1833	rVB	2252843	2305869	73.32%	4.749%
86	13.098	1869	1872	1876	rVB	446413	404542	12.86%	0.833%
87	13.174	1882	1885	1888	rBV2	104819	126508	4.02%	0.261%
88	13.515	1940	1943	1947	rVB	395808	383204	12.18%	0.789%
89	13.715	1974	1977	1980	rBV	696881	627926	19.97%	1.293%
90	13.774	1984	1987	1992	rVB	452604	402242	12.79%	0.828%
91	13.857	1997	2001	2006	rVV3	1378711	1942990	61.78%	4.002%
92	13.898	2006	2008	2011	rVB	186093	149761	4.76%	0.308%
93	14.162	2051	2053	2056	rVB2	129723	109508	3.48%	0.226%
94	14.351	2082	2085	2091	rBV	367461	505277	16.07%	1.041%
95	14.404	2091	2094	2097	rVB2	146440	137465	4.37%	0.283%
96	14.886	2173	2176	2185	rVB	212907	370453	11.78%	0.763%
97	14.986	2190	2193	2198	rVB2	218193	275861	8.77%	0.568%
98	15.233	2232	2235	2240	rVB	162816	204051	6.49%	0.420%
99	15.292	2241	2245	2249	rBV2	632738	801653	25.49%	1.651%
100	15.774	2324	2327	2335	rVB2	168352	236180	7.51%	0.486%

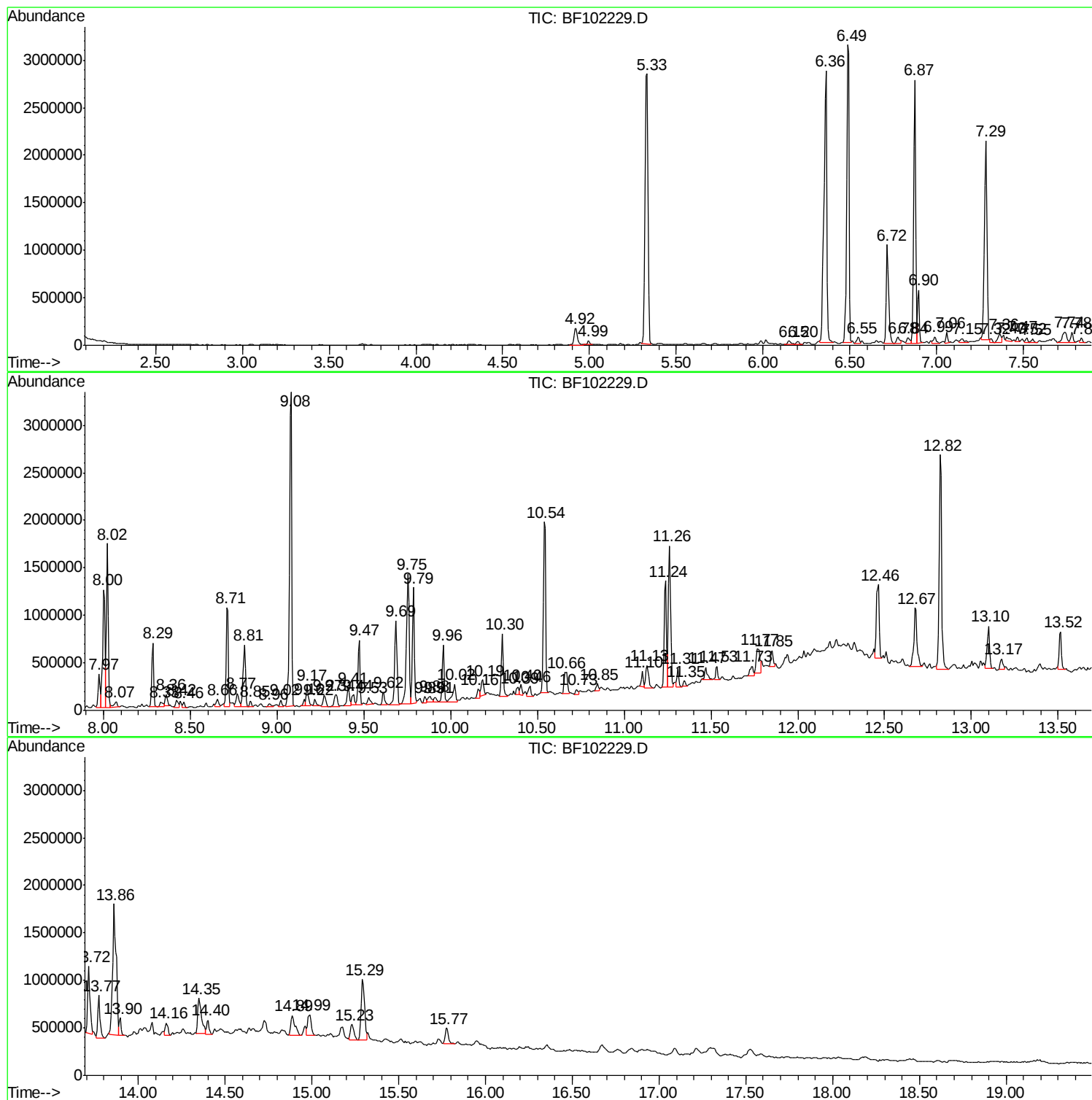
Sum of corrected areas: 48555148

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Instrument :
BNA_F
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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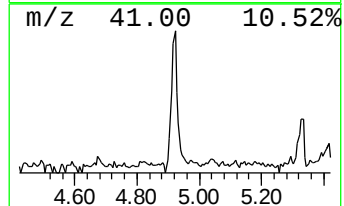
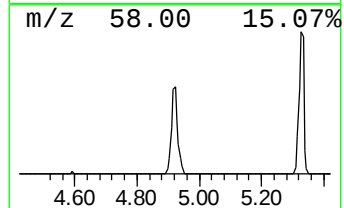
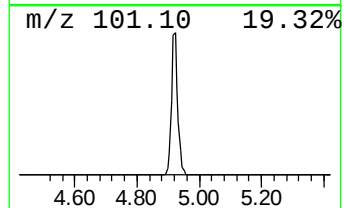
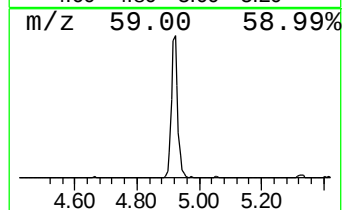
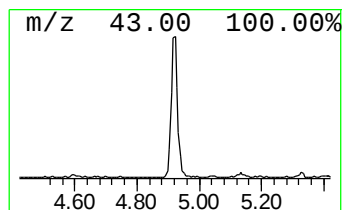
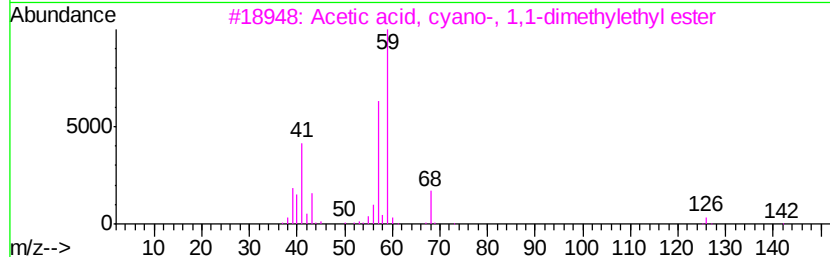
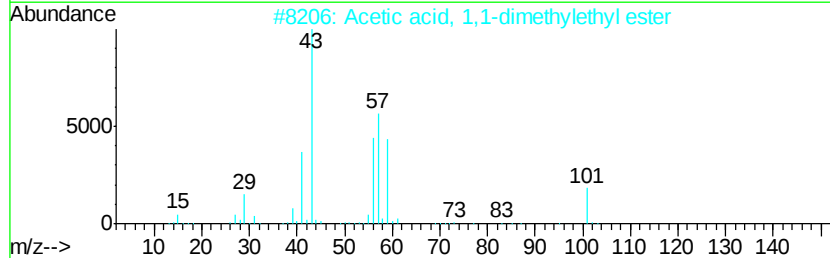
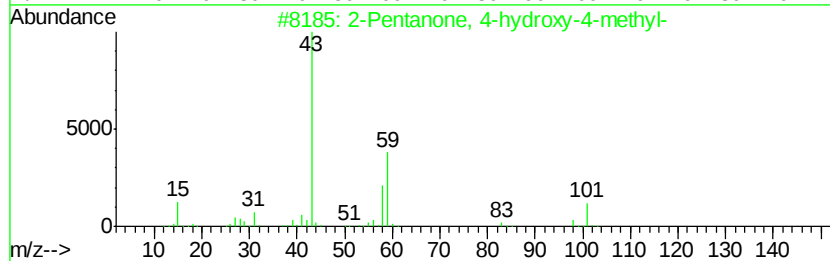
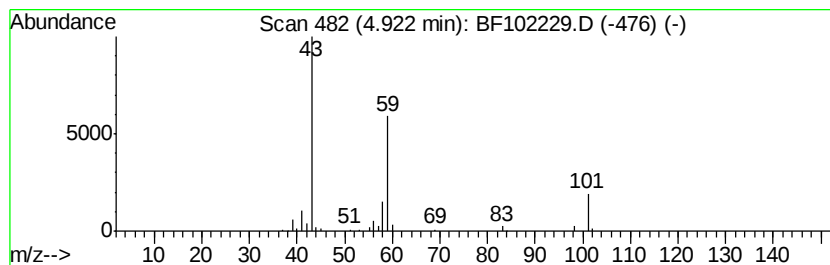
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	5.44 ng	250454	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28



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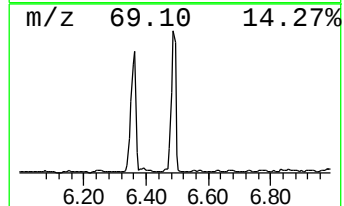
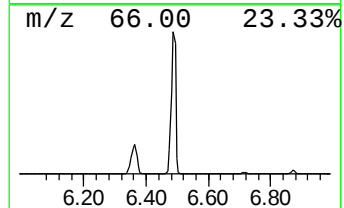
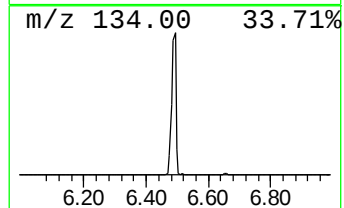
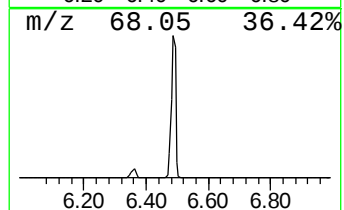
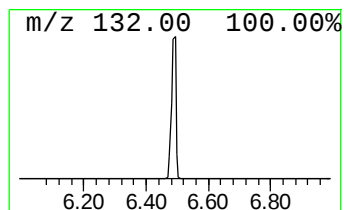
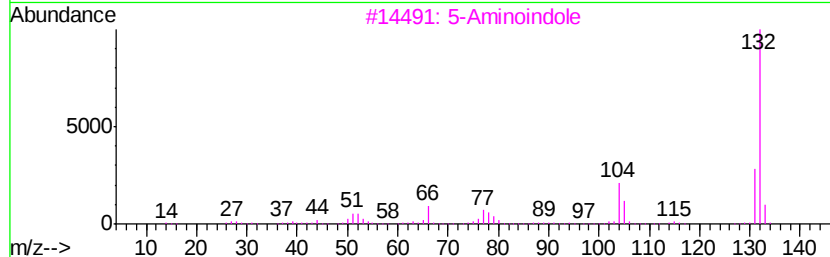
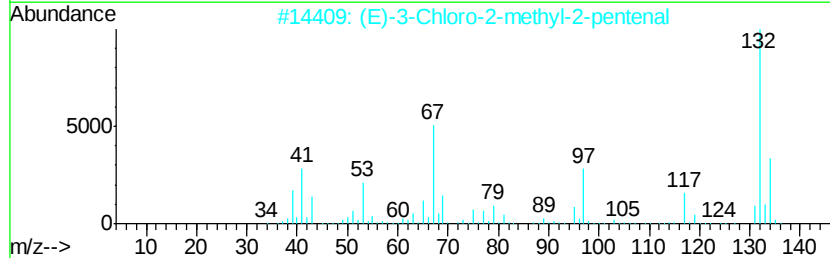
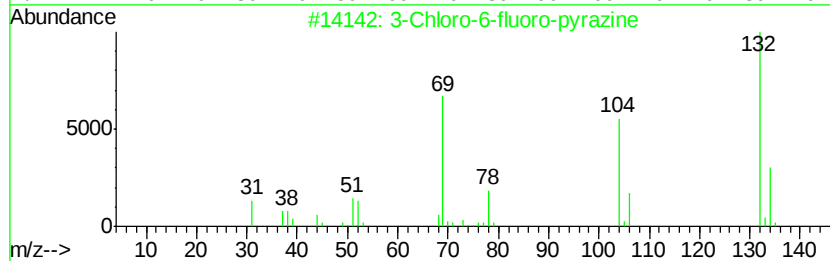
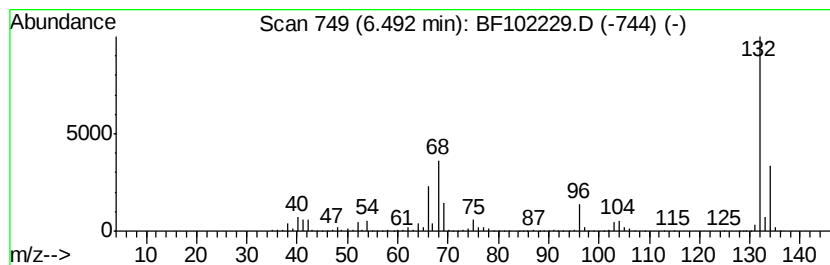
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	68.10 ng	3136560	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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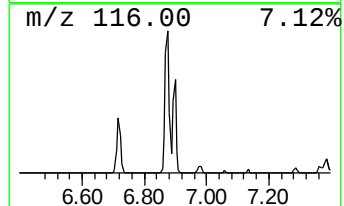
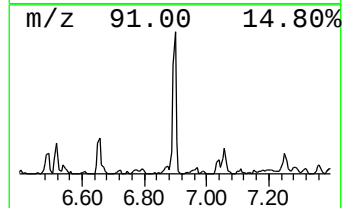
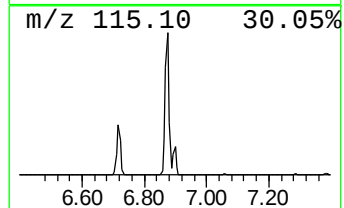
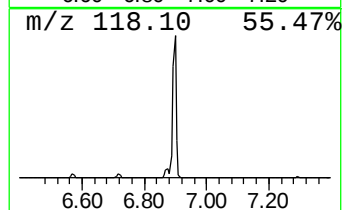
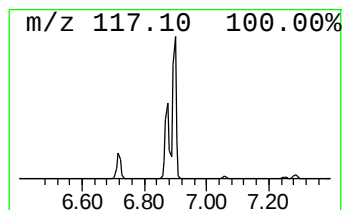
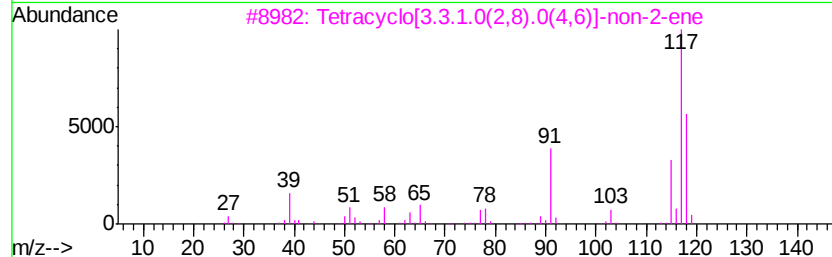
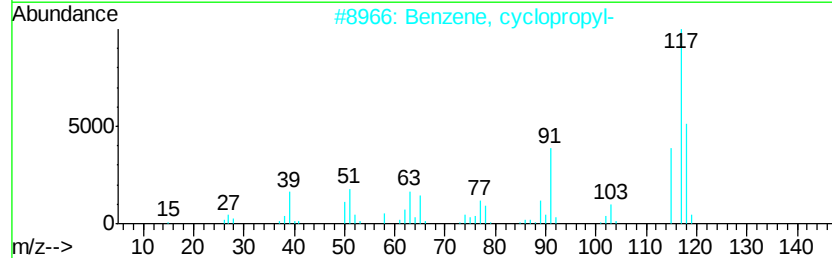
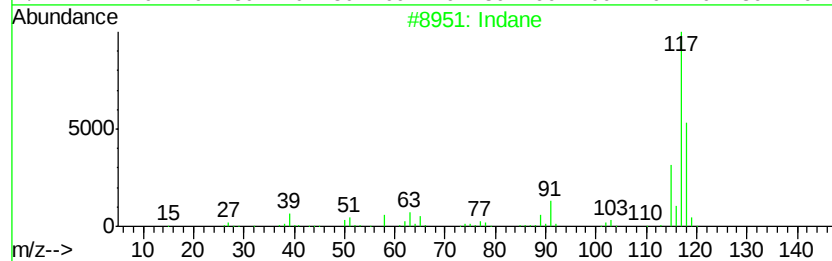
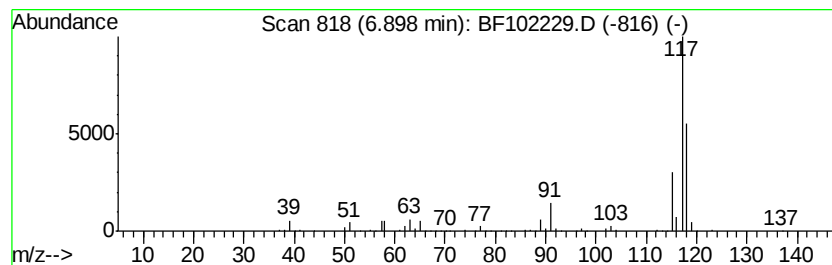
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	9.00 ng	414474	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	81
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	64
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5		Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
Operator : SJ/JU
Sample : J1202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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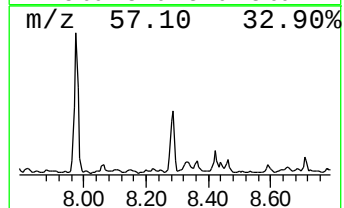
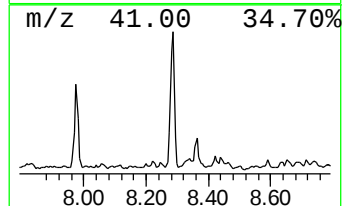
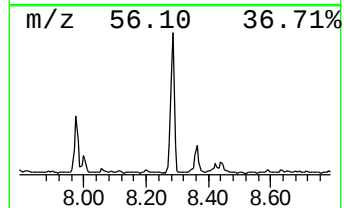
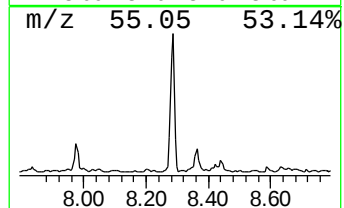
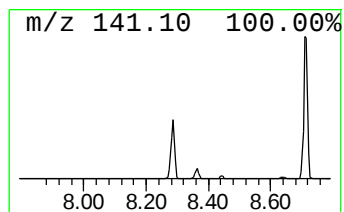
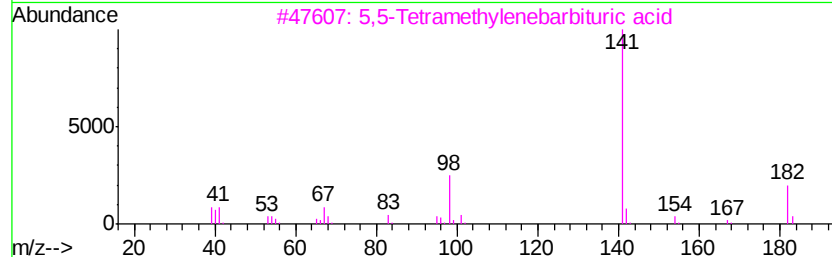
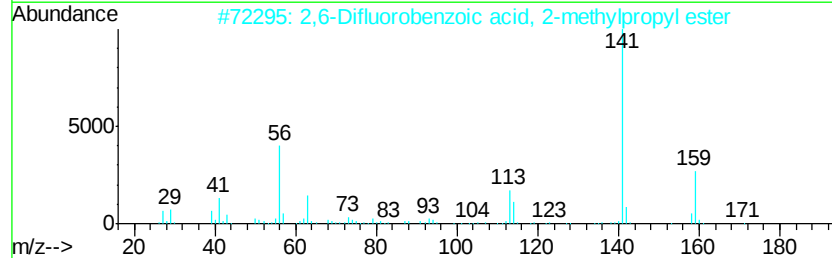
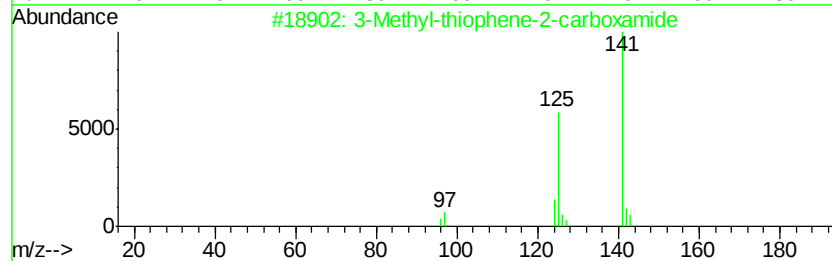
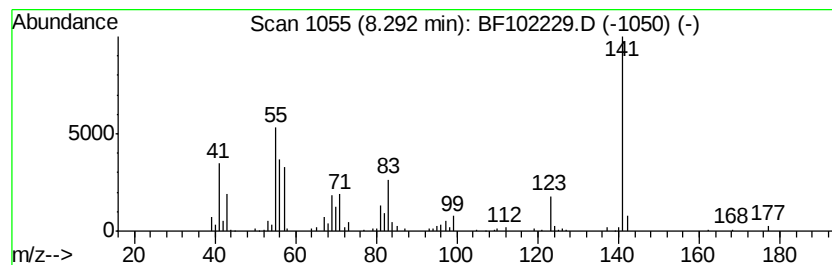
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3-Methyl-thiophene-2-carbox... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	9.48 ng	556118	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyl-thiophene-2-carboxamide	141	C6H7NOS	076655-99-7	64
2		2,6-Difluorobenzoic acid, 2-meth...	214	C11H12F2O2	1000293-47-5	38
3		5,5-Tetramethylenebarbituric acid	182	C8H10N2O3	1000306-49-5	35
4		2,4-Difluorobenzoic acid, 3-meth...	228	C12H14F2O2	1000360-55-3	25
5		1-Undecene, 5-methyl-	168	C12H24	074630-38-9	12



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
Operator : SJ/JU
Sample : J1202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

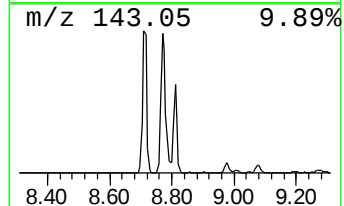
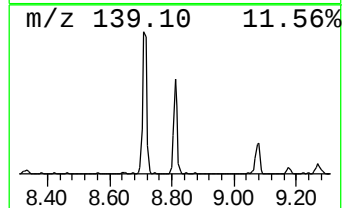
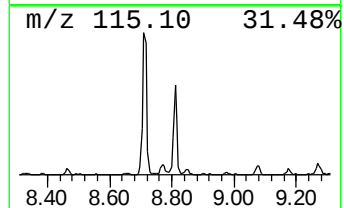
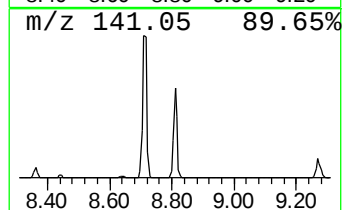
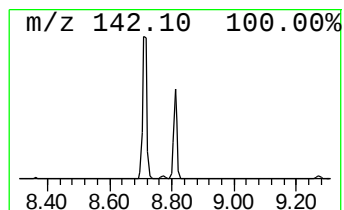
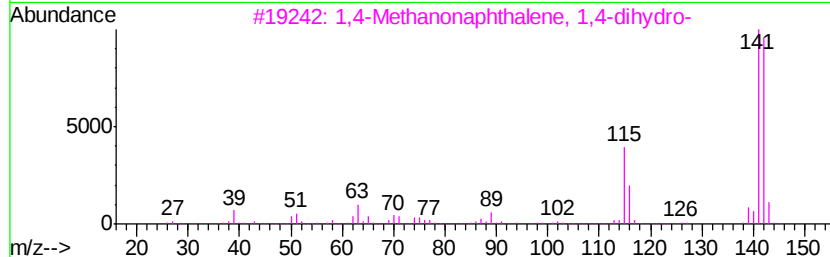
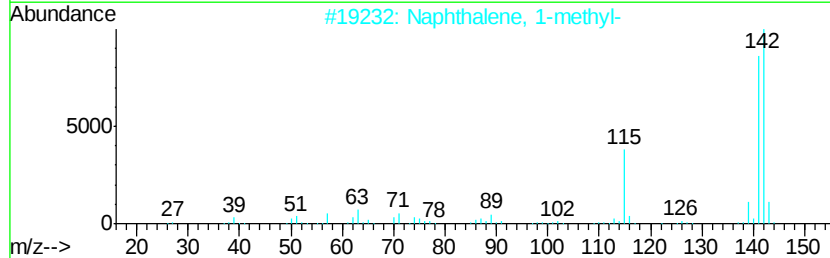
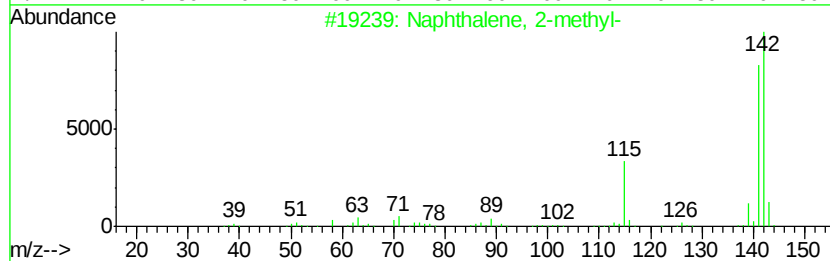
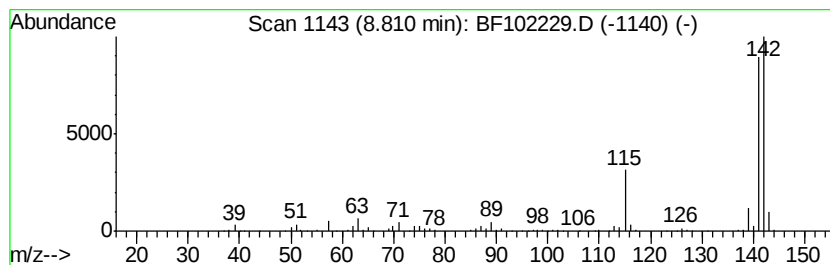
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.81	8.99 ng	527526	Naphthalene-d8	8.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
Operator : SJ/JU
Sample : J1202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-1-5

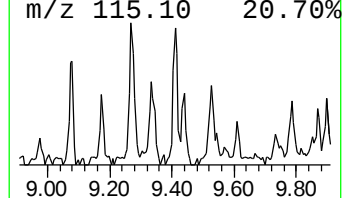
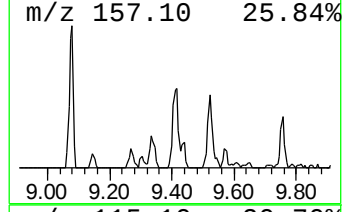
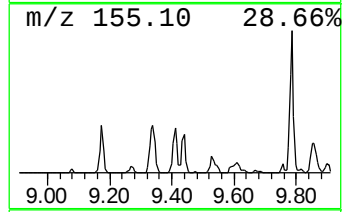
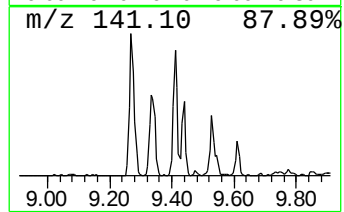
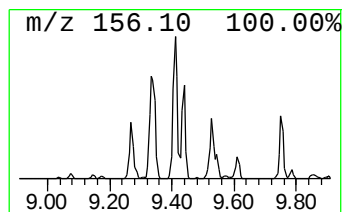
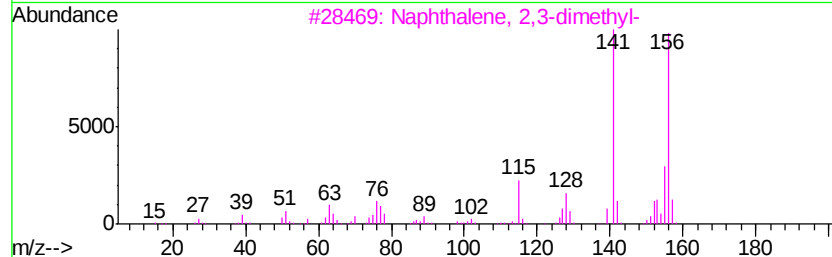
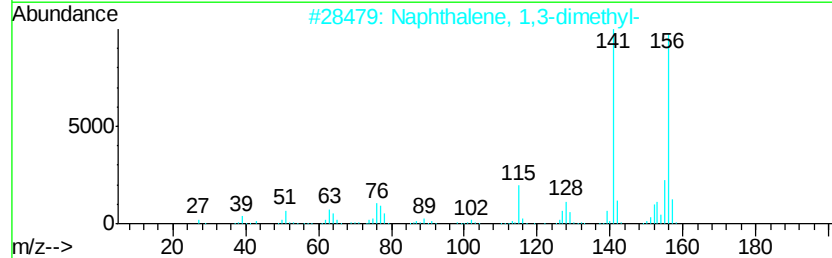
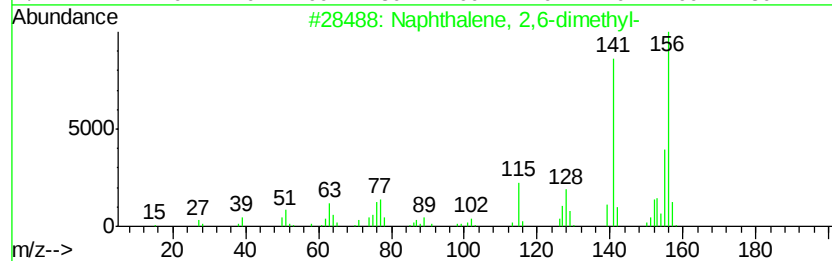
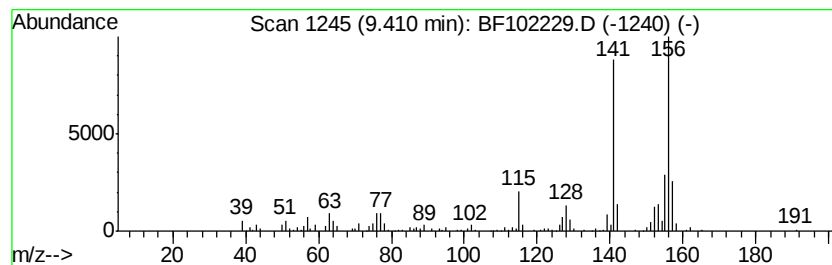
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	3.37 ng	217383	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
Operator : SJ/JU
Sample : J1202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-1-5

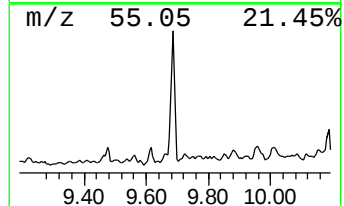
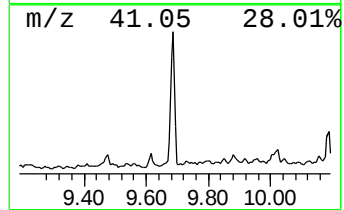
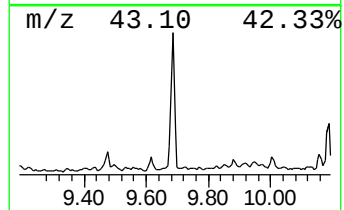
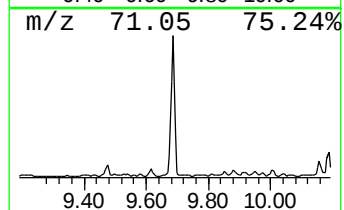
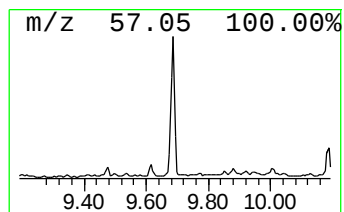
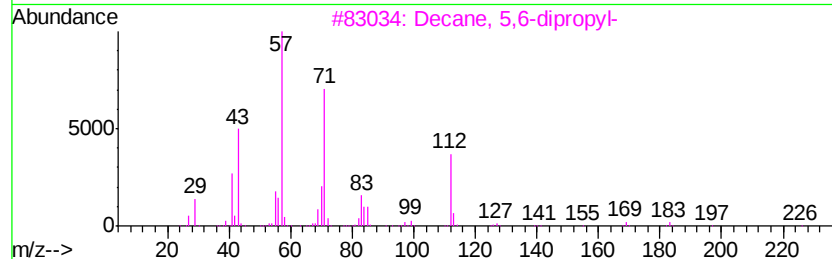
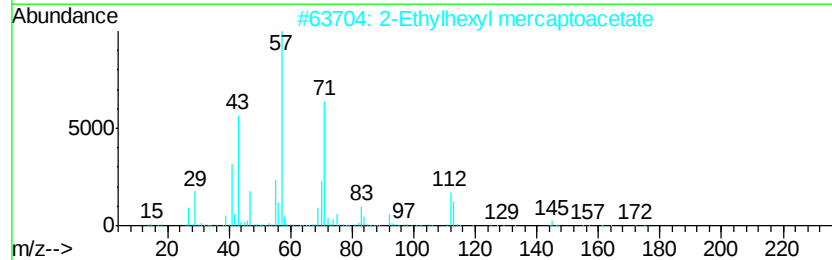
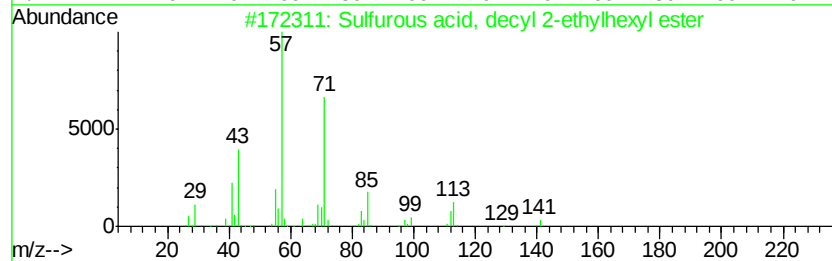
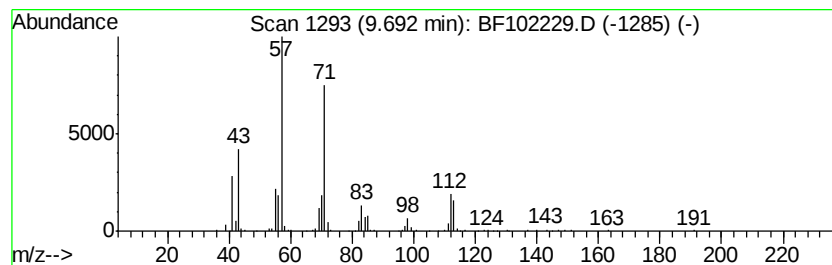
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Sulfurous acid, decyl 2-eth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	11.33 ng	731299	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80
2		2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	72
3		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	64
4		Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	64
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
Operator : SJ/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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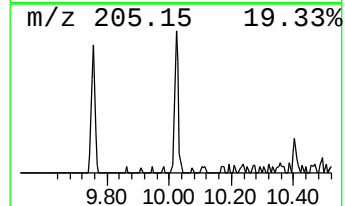
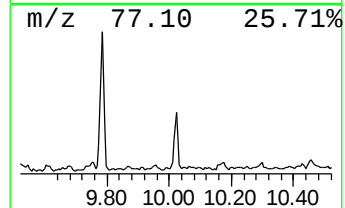
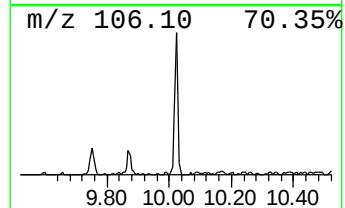
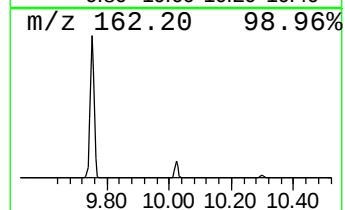
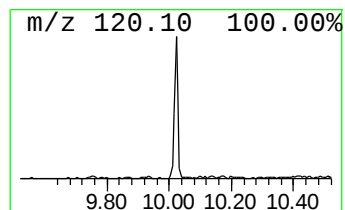
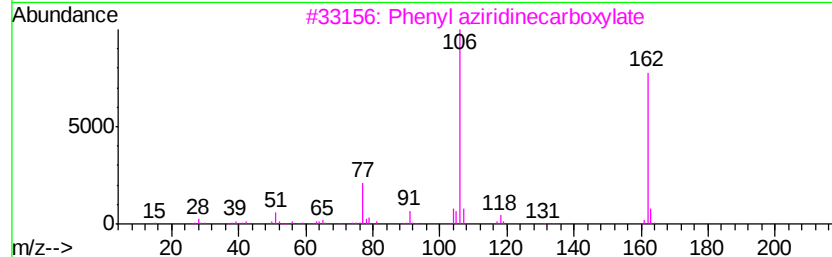
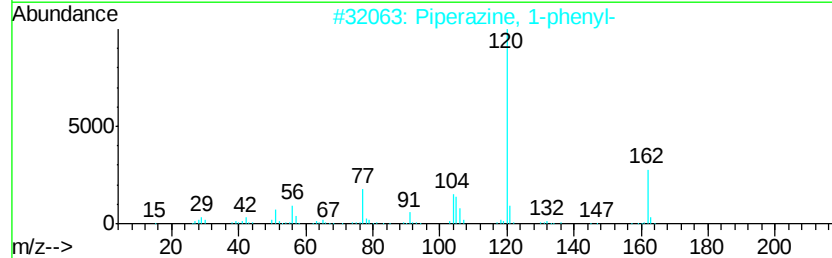
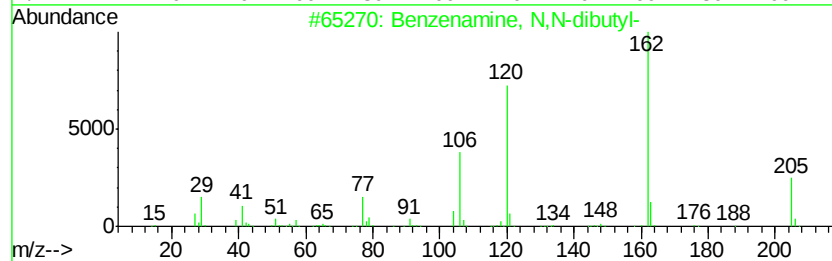
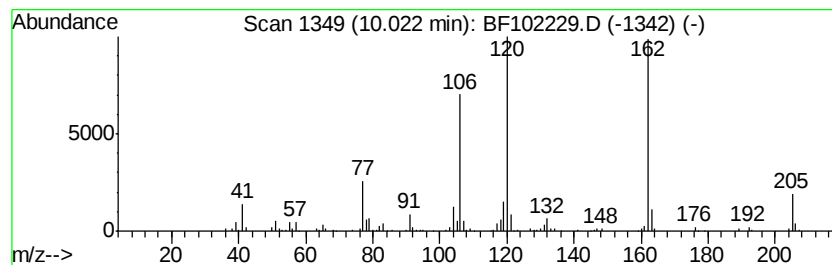
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzenamine, N,N-dibutyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	3.63 ng	233992	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, N,N-dibutyl-	205	C14H23N	000613-29-6	95
2		Piperazine, 1-phenyl-	162	C10H14N2	000092-54-6	58
3		Phenyl aziridinecarboxylate	163	C9H9NO2	014924-97-1	43
4		1H-Inden-1-one, 2,3-dihydro-5-me...	162	C10H10O2	005111-70-6	35
5		Butanamide, N-ethyl-N-(3-methylp...	205	C13H19NO	1000308-67-5	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
Operator : SJ/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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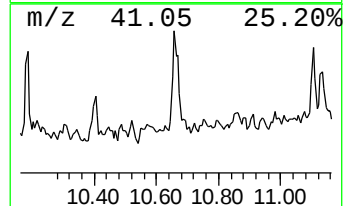
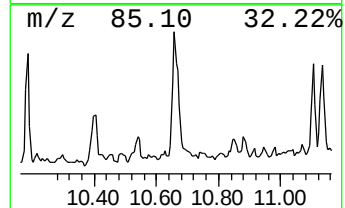
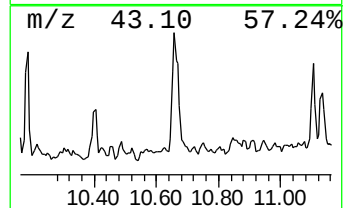
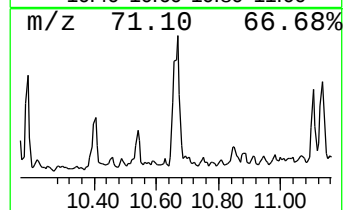
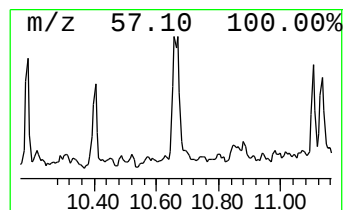
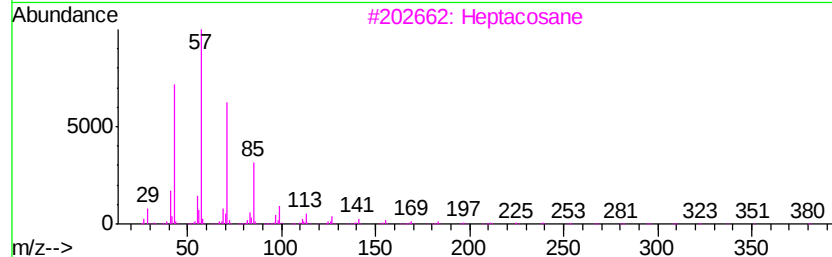
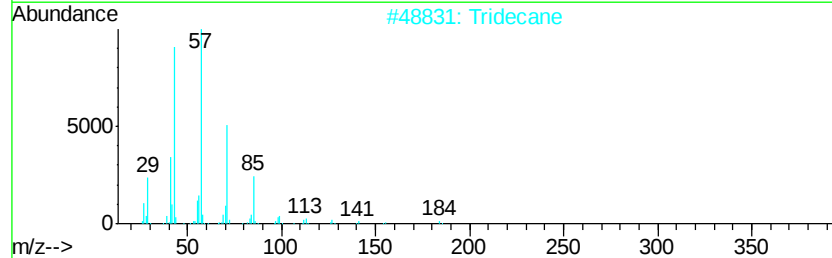
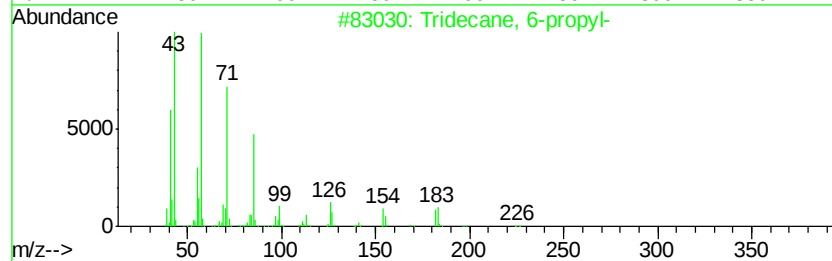
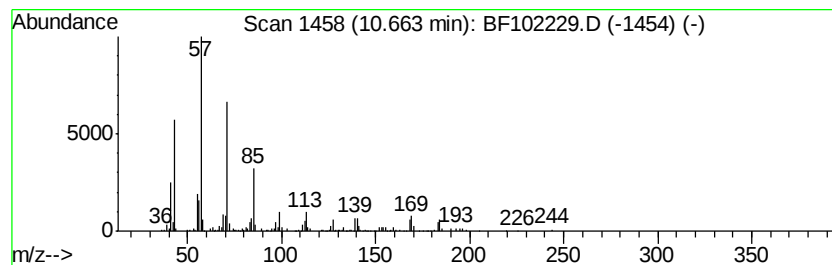
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane, 6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	6.01 ng	348615	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
2		Tridecane	184	C13H28	000629-50-5	87
3		Heptacosane	380	C27H56	000593-49-7	83
4		Dodecane	170	C12H26	000112-40-3	83
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
Operator : SJ/JU
Sample : J1202-01
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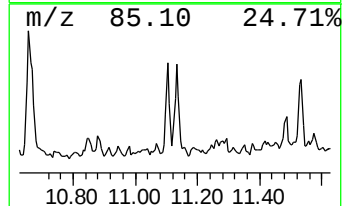
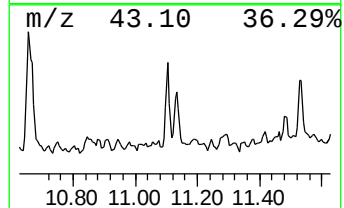
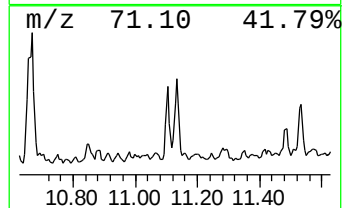
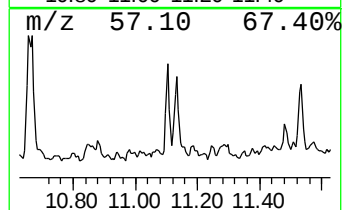
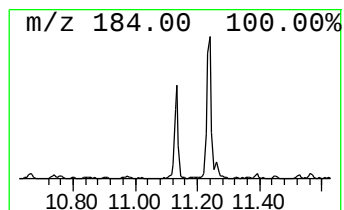
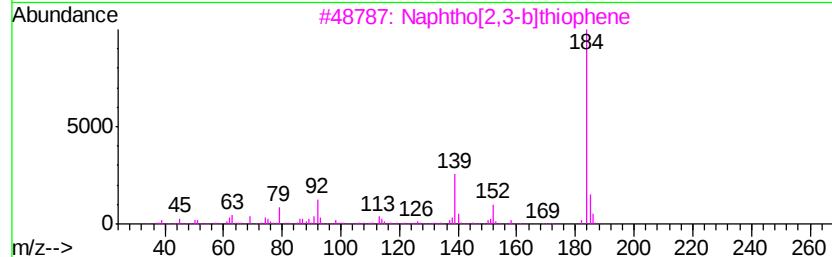
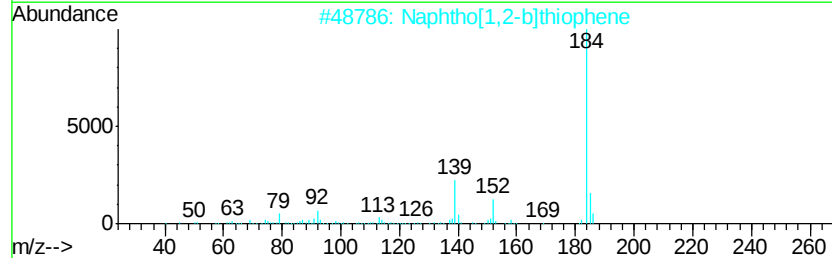
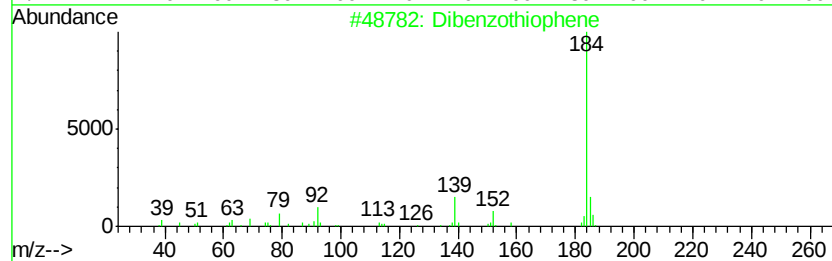
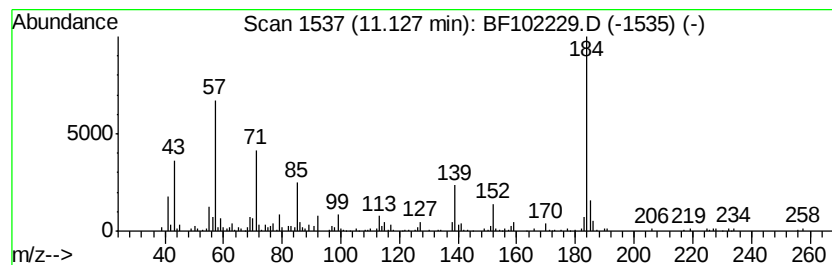
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.13	4.23 ng	245389	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	83
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	78
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	60
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	58
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
Operator : SJ/JU
Sample : J1202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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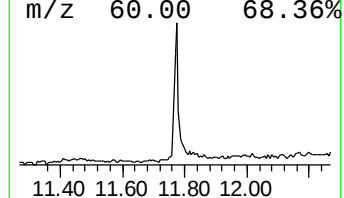
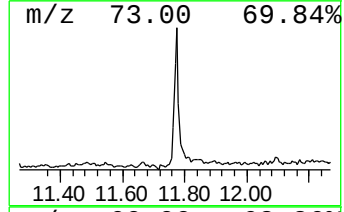
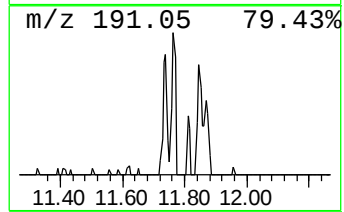
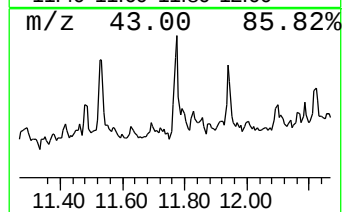
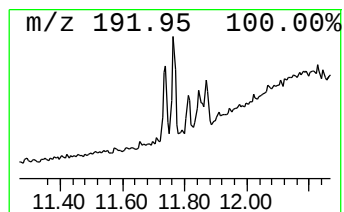
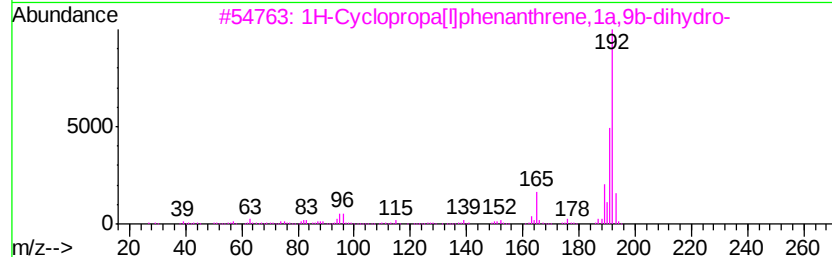
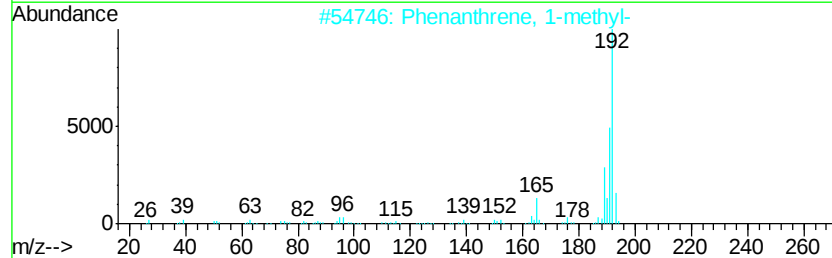
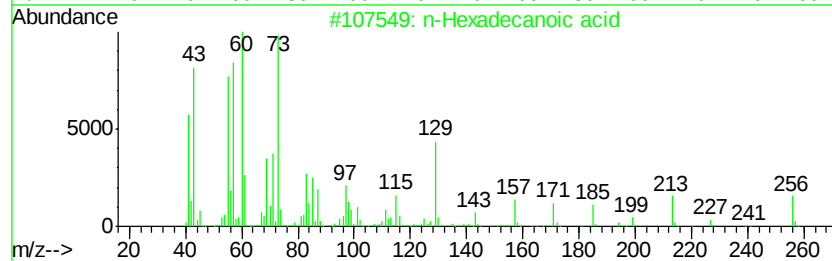
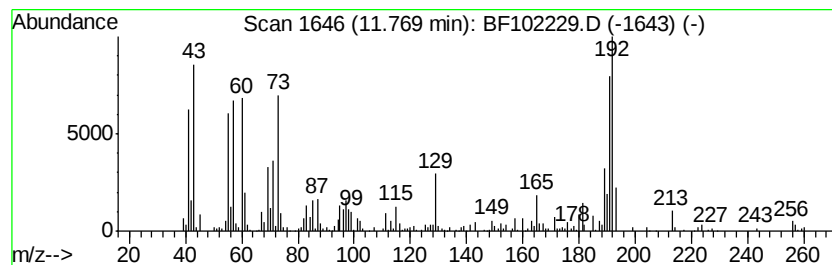
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.12 ng	355291	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	83
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
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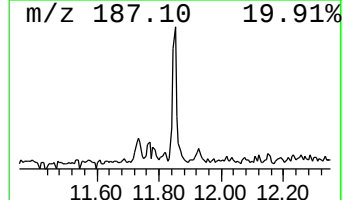
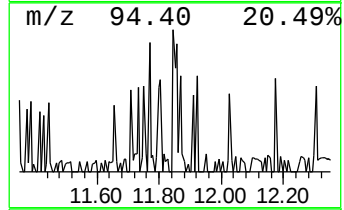
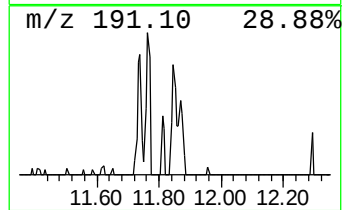
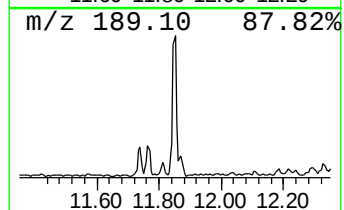
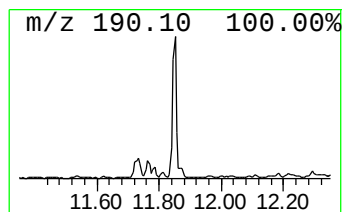
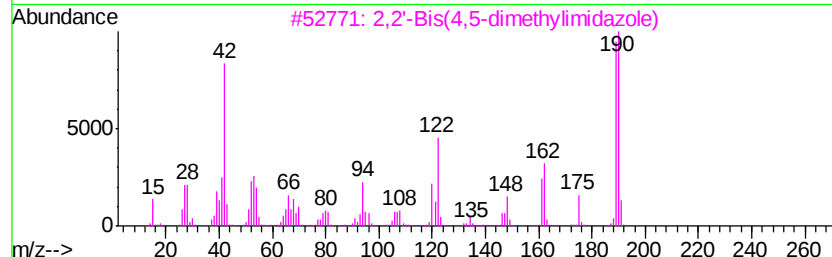
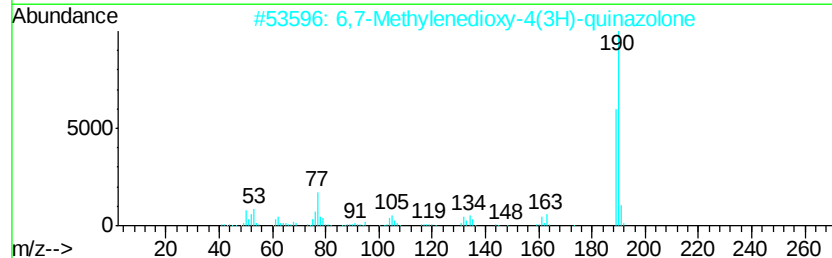
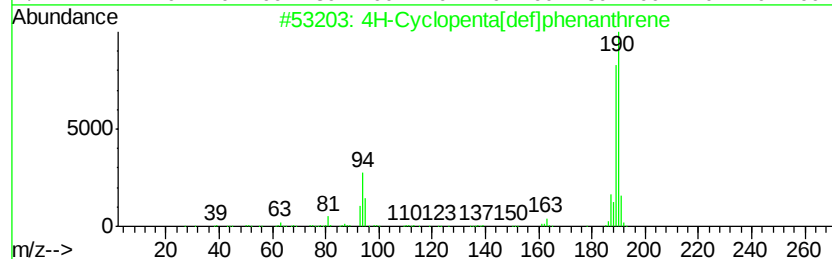
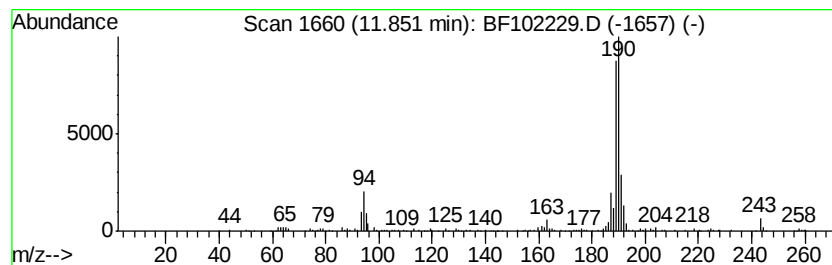
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	3.11 ng	180709	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2		6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	50
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	40
5		Benzo[1,2-b:4,3-b']dithiophene	190	C10H6S2	000210-80-0	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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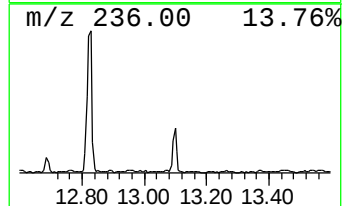
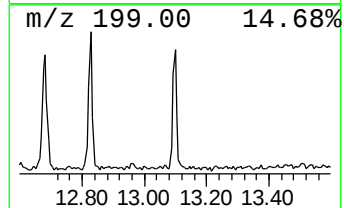
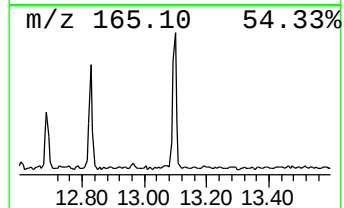
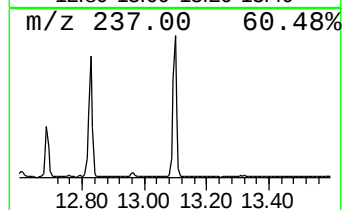
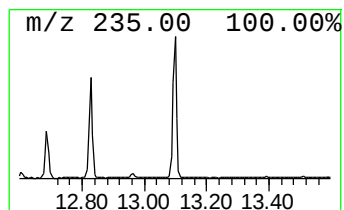
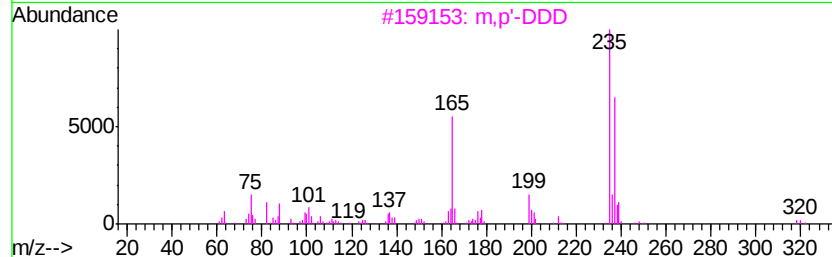
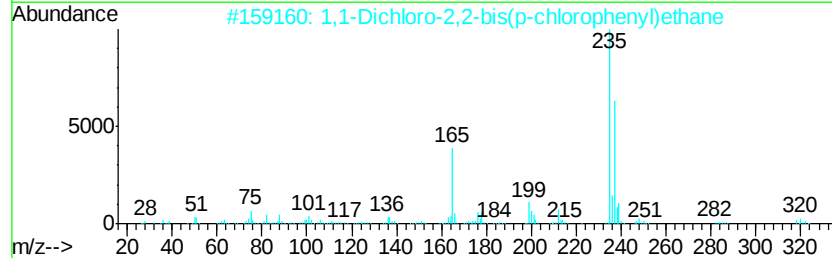
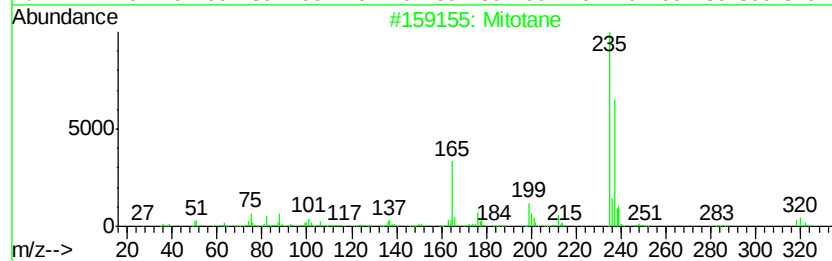
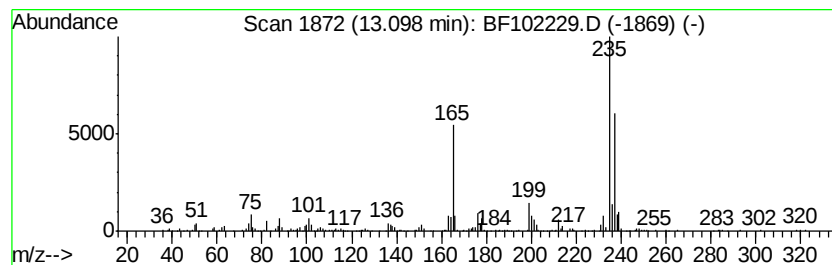
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Mitotane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	4.16 ng	404542	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mitotane	318	C14H10Cl4	000053-19-0	96
2		1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	94
3		m,p'-DDD	318	C14H10Cl4	004329-12-8	89
4		2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	87
5		3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102229.D
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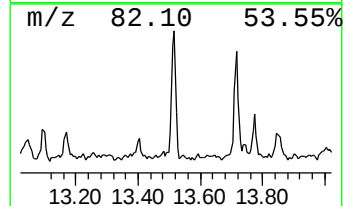
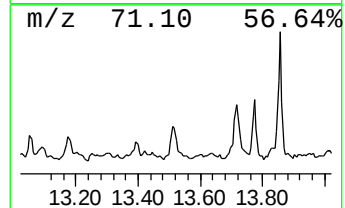
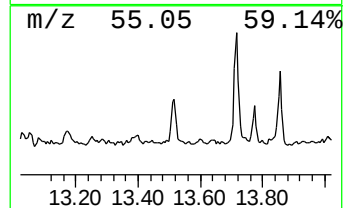
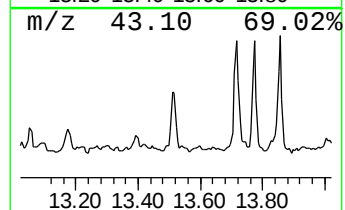
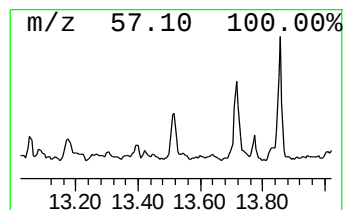
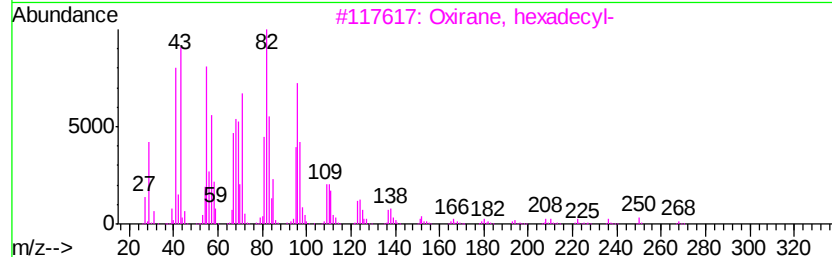
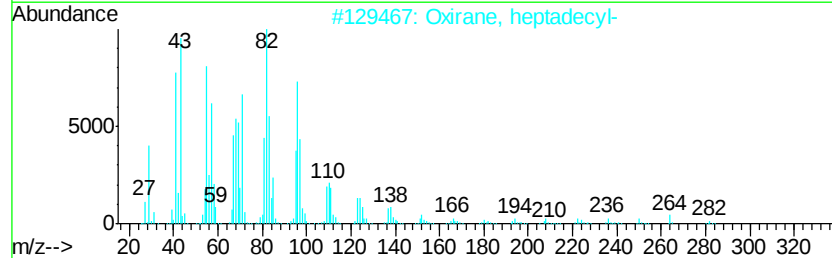
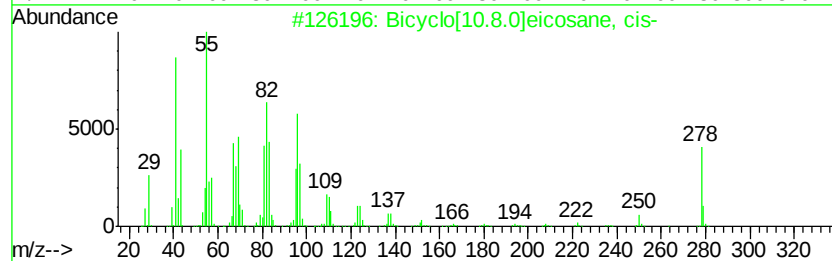
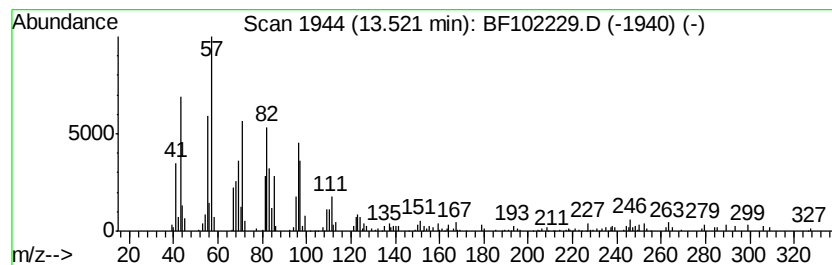
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Bicyclo[10.8.0]eicosane, cis- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	3.94 ng	383204	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	92
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
3		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4		Octadecanal	268	C18H36O	000638-66-4	90
5		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
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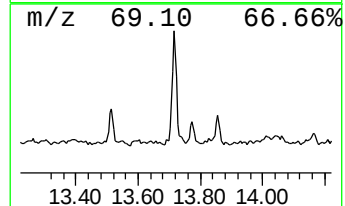
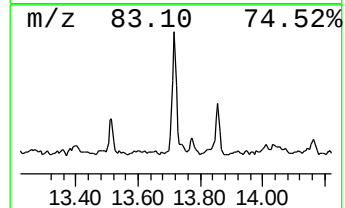
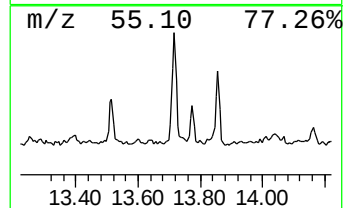
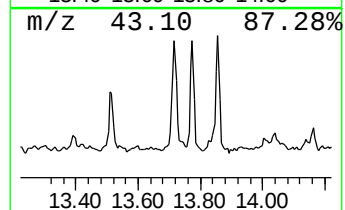
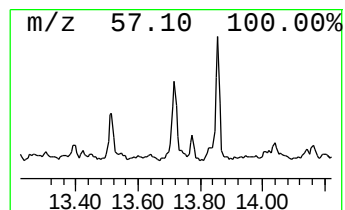
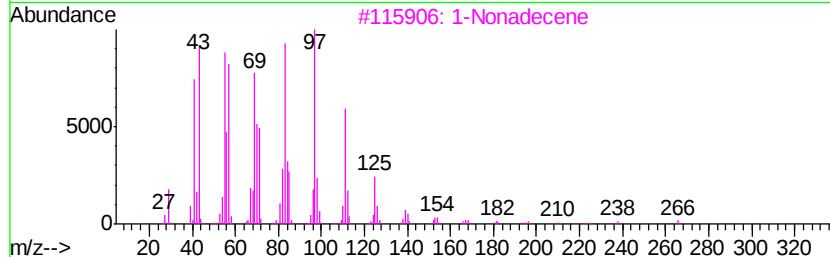
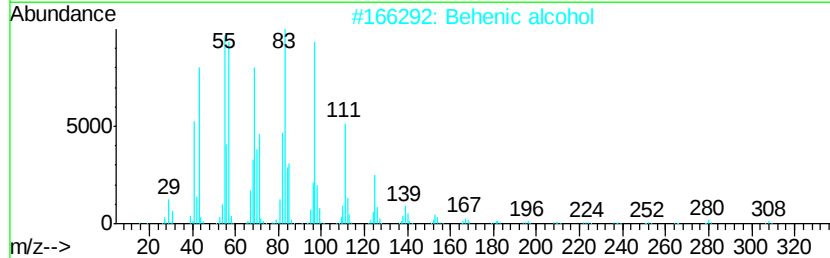
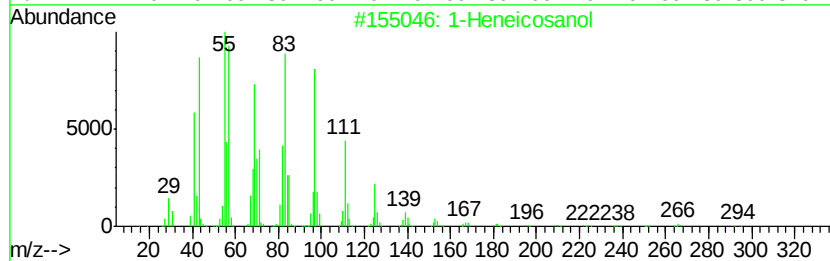
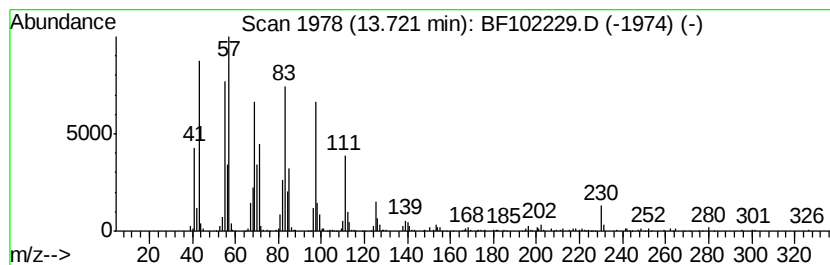
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1-Heneicosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	6.46 ng	627926	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Behenic alcohol	326	C22H46O	000661-19-8	91
3		1-Nonadecene	266	C19H38	018435-45-5	91
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5		n-Heptadecanol-1	256	C17H36O	001454-85-9	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
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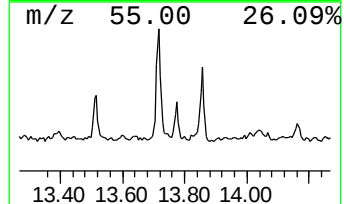
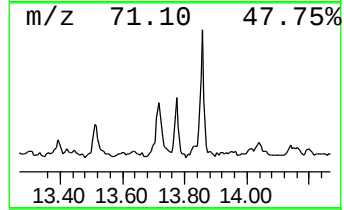
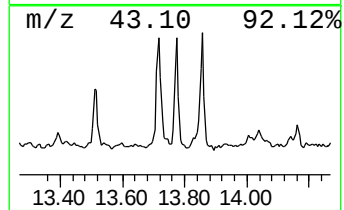
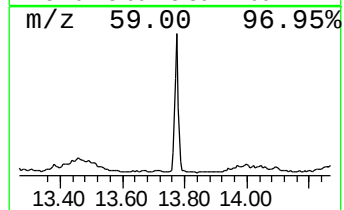
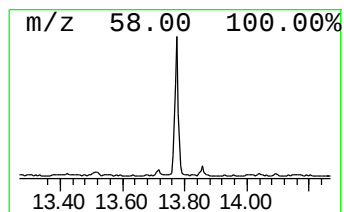
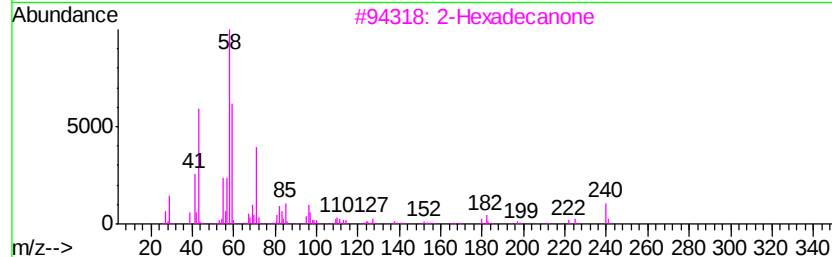
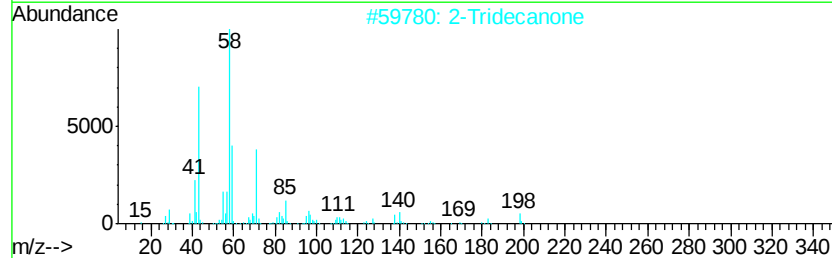
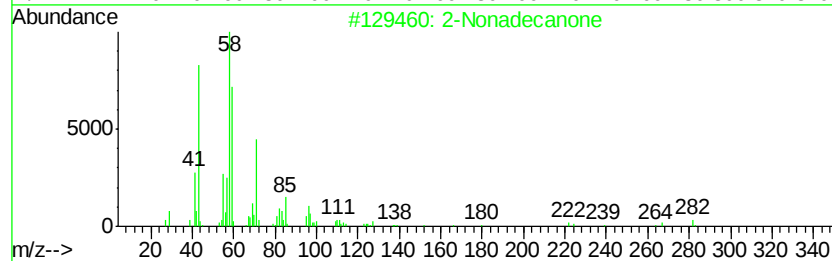
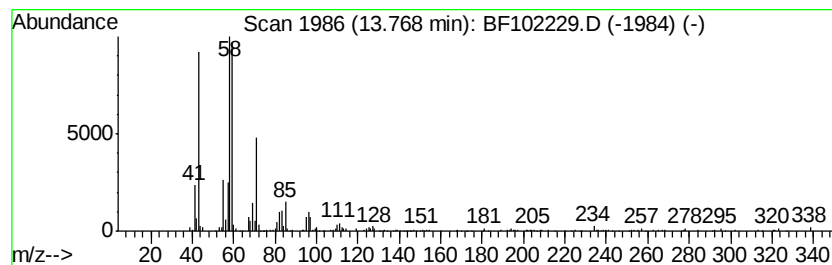
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 2-Nonadecanone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	4.14 ng	402242	Chrysene-d12	13.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Nonadecanone	282	C19H38O	000629-66-3	68
2			2-Tridecanone	198	C13H26O	000593-08-8	59
3			2-Hexadecanone	240	C16H32O	018787-63-8	59
4			2-Heptadecanone	254	C17H34O	002922-51-2	59
5			2-Pentadecanone	226	C15H30O	002345-28-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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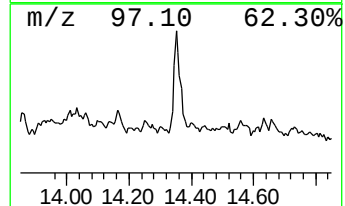
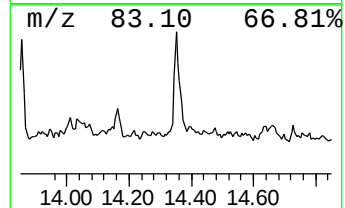
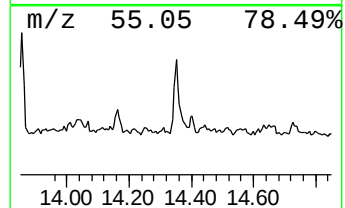
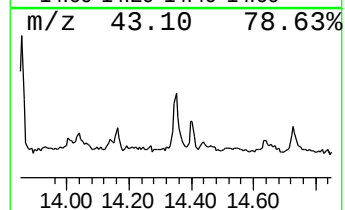
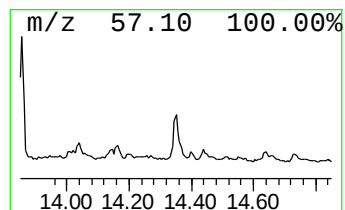
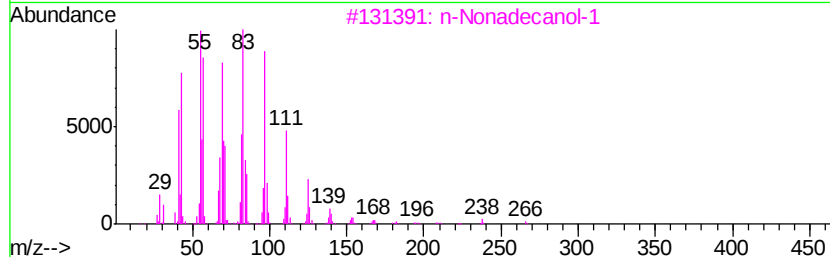
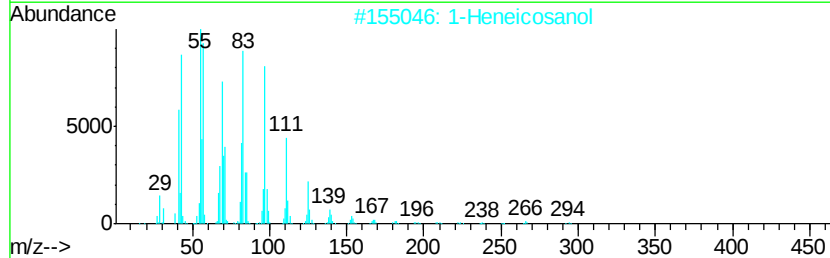
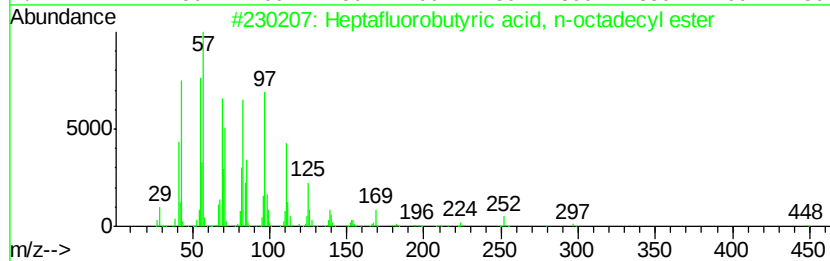
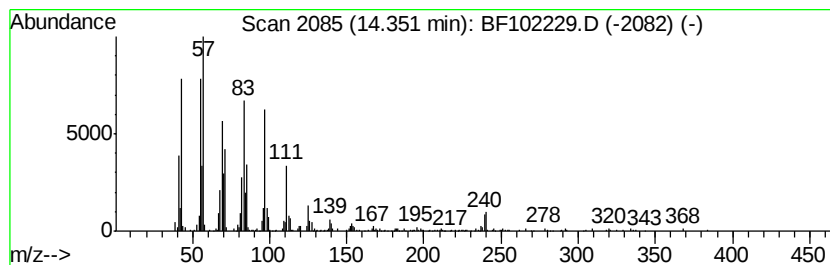
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heptafluorobutyric acid, n-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	5.20 ng	505277	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5		1-Heptacosanol	396	C27H56O	002004-39-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
Operator : SJ/JU
Sample : J1202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLLOFF-1-5

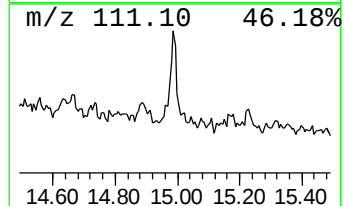
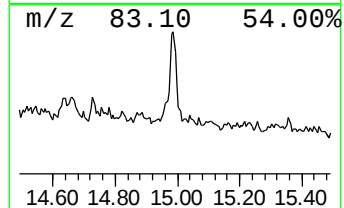
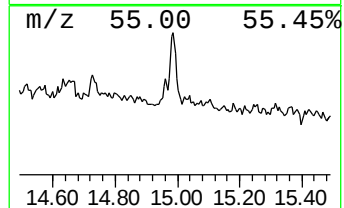
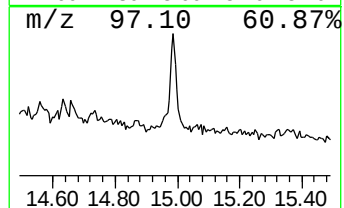
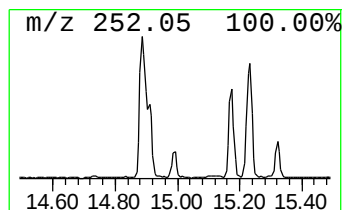
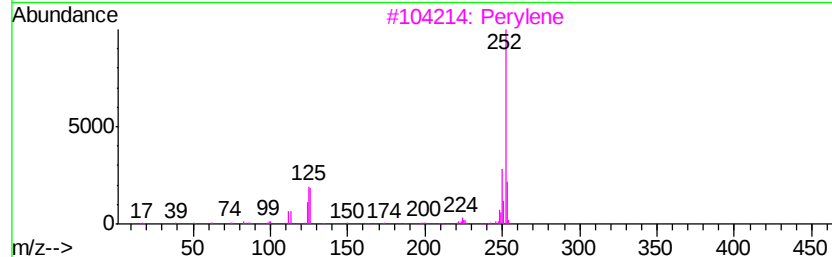
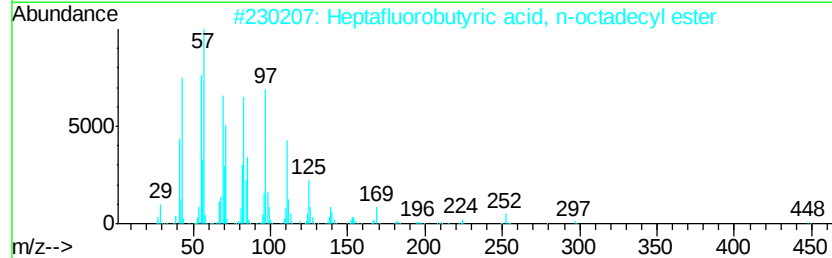
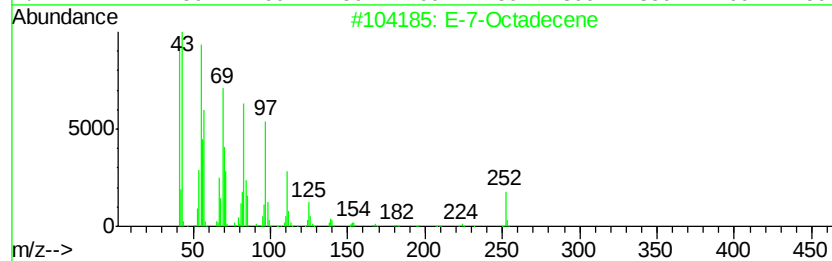
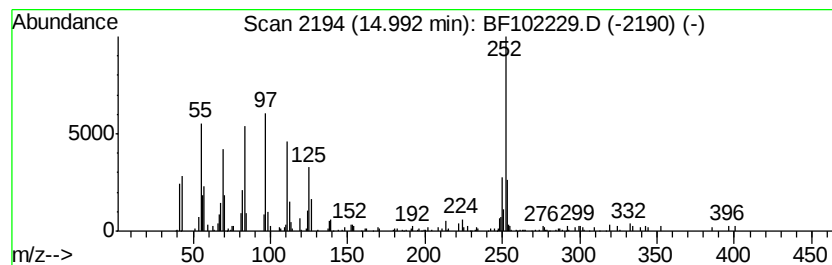
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 E-7-Octadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	6.88 ng	275861	Perylene-d12	15.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	E-7-Octadecene	252	C18H36	1000130-92-0	76
2		Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	64
3		Perylene	252	C20H12	000198-55-0	60
4		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	53
5		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011918\
Data File : BF102229.D
Acq On : 19 Jan 2018 21:04
Operator : SJ/JU
Sample : J1202-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

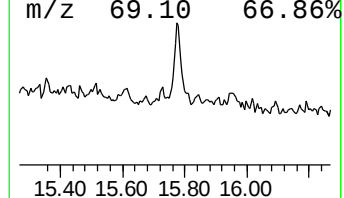
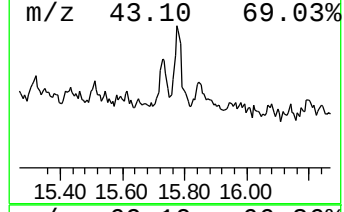
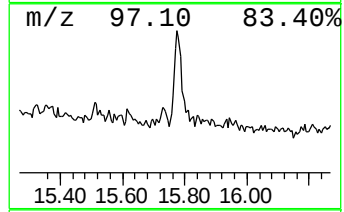
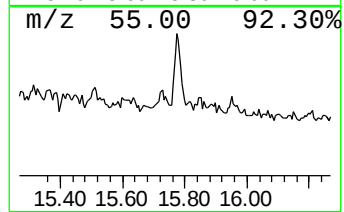
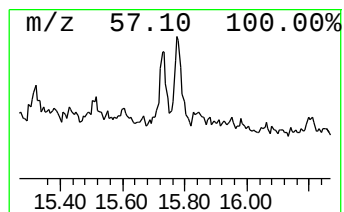
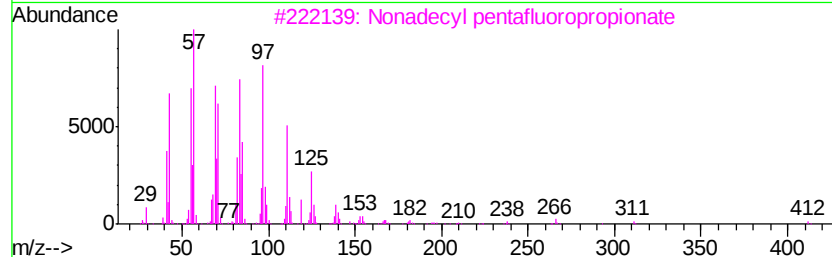
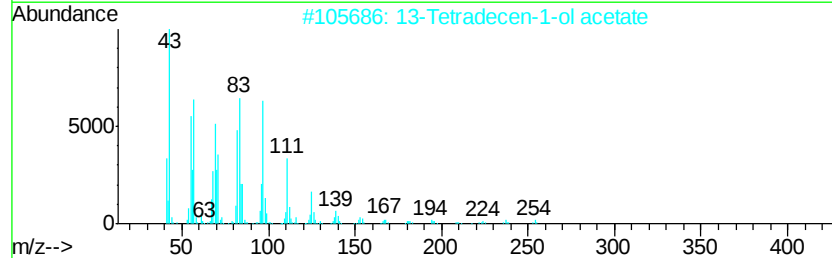
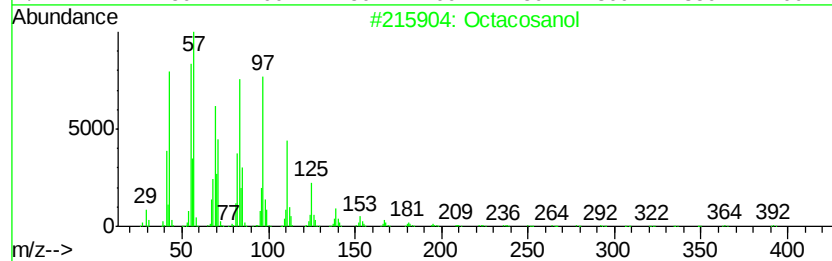
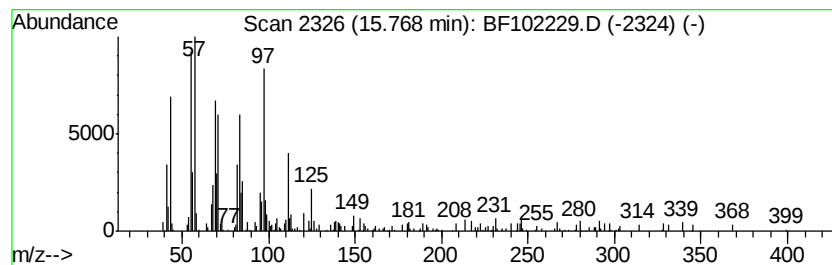
Instrument :
BNA_F
ClientSampleId :
ROLLOFF-1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Octacosanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	5.89 ng	236180	Perylene-d12	15.29
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosanol	410 C28H58O	000557-61-9	91
2	13-Tetradecen-1-ol acetate	254 C16H30O2	056221-91-1	87
3	Nonadecyl pentafluoropropionate	430 C22H39F5O2	1000351-88-8	81
4	n-Tetracosanol-1	354 C24H50O	000506-51-4	81
5	1-Docosene	308 C22H44	001599-67-3	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011918\
 Data File : BF102229.D
 Acq On : 19 Jan 2018 21:04
 Operator : SJ/JU
 Sample : J1202-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLLOFF-1-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.92	5.4	ng	250454	1	6.72	921147	20.0
unknown6.49	6.49	68.1	ng	3136560	1	6.72	921147	20.0
Indane	6.90	9.0	ng	414474	1	6.72	921147	20.0
3-Methyl-thiophen...	8.29	9.5	ng	556118	2	8.00	1173140	20.0
Naphthalene, 1-me...	8.81	9.0	ng	527526	2	8.00	1173140	20.0
Naphthalene, 2,6-...	9.41	3.4	ng	217383	3	9.75	1290380	20.0
Sulfurous acid, d...	9.69	11.3	ng	731299	3	9.75	1290380	20.0
Benzenamine, N,N-...	10.02	3.6	ng	233992	3	9.75	1290380	20.0
Tridecane, 6-propyl-	10.66	6.0	ng	348615	4	11.24	1161030	20.0
Dibenzothiophene	11.13	4.2	ng	245389	4	11.24	1161030	20.0
n-Hexadecanoic acid	11.77	6.1	ng	355291	4	11.24	1161030	20.0
4H-Cyclopenta[def...	11.85	3.1	ng	180709	4	11.24	1161030	20.0
Mitotane	13.10	4.2	ng	404542	5	13.87	1942990	20.0
Bicyclo[10.8.0]ei...	13.52	3.9	ng	383204	5	13.87	1942990	20.0
1-Heneicosanol	13.72	6.5	ng	627926	5	13.87	1942990	20.0
2-Nonadecanone	13.77	4.1	ng	402242	5	13.87	1942990	20.0
Heptafluorobutyri...	14.35	5.2	ng	505277	5	13.87	1942990	20.0
E-7-Octadecene	14.99	6.9	ng	275861	6	15.29	801653	20.0
Octacosanol	15.77	5.9	ng	236180	6	15.29	801653	20.0